Release A CDR RID Report

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Document Data Server Design

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RID ID	CDR	65
Review	SDPS/CSMS	
Originator Ref	GD-CDR-CL-22	
Priority	2	

Section Data Server(DSS) Design **Page**   **Figure Table**

Category Name Data Server(DSS) Design   **Actionee** ECS

Sub Category

Subject Restoration of Lost/Corrupted Data

Description of Problem or Suggestion:

It is unclear whether the system can support backup and restoration of data. This requires the ability to:
(1) backup offsite and restore for data that cannot be recreated
(2) request replacements from agencies that have agreed to supply them
 (3) request reprocessing
While the (3) may be taken care of, albeit in an excessively manual way, the first two do not seem accounted for well, and there are no event traces for backup or restore. For example, the first requires the ability to direct copies of data to particular media which can then be exported, moved offsite, and reimported at a later date if the original is lost or corrupted. (It is possible that some chaining together of individual object methods may achieve this, but a dynamic model scenario is needed to verify this.)

Originator's Recommendation

 Construct dynamic models for all of the various ways of restoring lost/corrupted data to the archive.

GSFC Response by: **GSFC Response Date**

HAIS Response by: Glen Cordrey   **HAIS Schedule** 9/20/95

HAIS R. E. Glen Cordrey   **HAIS Response Date** 11/1/95

Because of the comparatively small amount of data that will be accumulated during Release A, it is important that the solution be coordinated with, is applicable to, and cost effective for, Release B. Related requirements and policy issues must be resolved jointly with the Government before the solution can be designed and developed. Discussions with the Government on this topic are already in progress. On this occasion, it will also be decided whether this approach is appropriate for V0 data back-up (see RID #46) (while this is our current expectation, we note that the current requirements do not include Version 0 backup).

After approval by the Government, the resultant design will be retrofitted into Release A design and sizing.

Status **Closed**   **Date Closed** **11/9/95**   **Sponsor** **Kobler**

****** **Attachment if any** ******